

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-573-1

Relating to Exemptions Under Section 27156  
of the California Vehicle Code

Tii Trading Co.  
Tiico Engine Conversion

Pursuant to the authority vested in the Air Resources Board by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Section 39515 and Section 39516 of the Health and Safety Code and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the installation of the Tiico Engine Conversion, produced and marketed by Tii Trading Co., 3031 Alhambra Drive, Suite 202, Cameron Air Center, Cameron Park, California 95682, has been found not to reduce the effectiveness of the applicable vehicle pollution control systems and, therefore, is exempt from the prohibitions of Section 27156 of the Vehicle Code for the 1983 through 1991 model year VW Vanagons.

The Tiico Engine Conversion includes the following main components: a South African rebuilt engine equivalent to a California certified 1991 Audi 80/90 2.0 liter 4-cylinder engine with a Golf/Jetta intake manifold (p/n 037 133 201AP) to allow room for installation in the Vanagon engine compartment. The ECU utilized is a stock California 1991 Audi 80/90 unit (p/n 893 907 404). The Tiico Engine Conversion must interface with the stock VW Vanagon evaporative emission control system. A closed element air cleaner is supplied, and brackets and hardware necessary for installation of the engine are included. The original VW Vanagon catalytic converter and heated oxygen sensor are retained. On VW Vanagons not equipped with a check engine light on the dash, a light must be installed and wired to the new ECU.

This Executive Order is valid provided that the installation instructions for the Tiico Engine Conversion will not recommend tuning the vehicle to specifications different from those submitted by the device manufacturer.

Changes made to the design or operating conditions of the Tiico Engine Conversion, as exempt by the Air Resources Board, which adversely affect the performance of the vehicle's pollution control system shall invalidate this Executive Order.

Marketing of the Tii Trading Co. Tiico Engine Conversion using any identification other than that shown in this Executive Order or marketing of the Tiico Engine Conversion for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the Air Resources Board.

This Executive Order does not constitute any opinion as to the effect the use of the Tiico Engine Conversions may have on any warranty either expressed or implied by the vehicle manufacturer.

This Executive Order is granted based on previously submitted test data which showed that installation of the Tiico Engine Conversion on 1983 through 1991 model year VW Vanagon will have no adverse effect on emissions (Executive Order D-573).

If evidence provides the ARB with reason to suspect that the Tiico Engine Conversion will affect the durability of emission control systems, Tii Trading Co. shall be required to submit durability data to show that the durability of vehicle emission control systems are not, in fact, affected and/or that the add-on or modified part demonstrates adequate durability.

The ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of Title 13, California Code of Regulations, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF ANY CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF TII TRADING CO.'S TIICO ENGINE CONVERSION.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after a ten-day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request and the order may not be revoked until a determination is made after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 20<sup>th</sup> day of May 2004.

A handwritten signature in black ink, appearing to read "Allen Lyons", followed by a stylized flourish or set of initials.

Allen Lyons, Chief  
Mobile Source Operations Division